



ENERGY EFFICIENCY FINANCING

- Schools
- Hospitals
- Local Government
- Special Districts
- Public Care Institutions

APPLICATION

California Energy Commission



Financing For Energy Efficiency

Who is Eligible?

- **Schools**
- **Hospitals**
- **Cities**
- **Counties**
- **Special Districts**
- **Public Care Institutions**

What Types of Projects are Eligible?

Purchase and installation of commercially available energy efficient equipment with proven energy savings, including but not limited to:

- **Lighting**
- **Motors and pumps**
- **Heating and air conditioning systems**
- **Automated energy management systems and controls**
- **Cogeneration equipment**
- **Streetlights**
- **Traffic signal lamps**

What Types of Facilities are Eligible?

Existing buildings or other energy using facilities. Some new buildings and facilities. Call to discuss eligibility.

How Much Is Available?

Loans can finance up to 100 percent of the costs of energy efficiency projects. A 25 percent match may be required for cities and counties. Call to check on funding availability.

Criteria For Loan Approval

Energy efficiency projects must be technically and economically feasible. Loans must be repaid from savings within 11 years, including principal and interest. Call to determine the maximum simple payback required for project eligibility.

$$\text{Simple Payback (yrs)} = \frac{\text{Amount of Loan (\$)}}{\text{Anticipated Annual Energy Cost Savings (\$/yr)}}$$

Interest Rates

Rates offered are extremely competitive and set periodically according to state procedures. Call to check on applicable interest rate.

Loan Security Requirements

For public entities, loans are secured by a promissory note and a loan agreement between the applicant and the Energy Commission.

Nonprofit organizations may be required to secure the loan through sufficient assets, a deed of trust, certificate of deposit, or other means as determined by the Energy Commission.

Repayment Terms

The repayment schedule is based on the annual projected energy cost savings from the aggregated project(s), using energy costs and operating schedules at the time of loan approval. In some cases, the loan repayment schedule can be extended up to 11 years.

Applicants will be billed twice a year after the projects are completed.

How Will Funds Be Disbursed?

The funds are available on a reimbursement basis. Receipts or invoices for expenses incurred must be submitted with each reimbursement request. In some cases, purchase orders for equipment or services may be accepted in lieu of actual receipts. The final 10 percent of the funds will be retained until the project is completed. Interest is charged on the unpaid principal computed from the date of each disbursement to the borrower.



Call the Energy Commission at (916) 654-4008
for information on funding availability, project eligibility
and application requirements.

The Application



Call the Energy Commission
to Discuss Eligibility
(916) 654-4008

How Do I Apply?

First, call the Energy Commission to discuss your project.

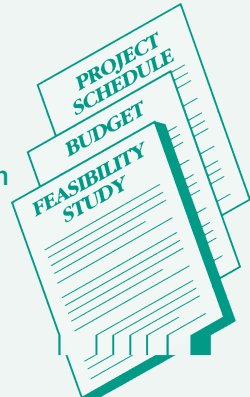
Next, complete the enclosed loan application, and provide:

- A feasibility study that describes the proposed energy efficiency projects, including calculations and assumptions to support the technical feasibility and energy savings
- A proposed budget detailing all project costs
- A schedule for implementation of the recommended projects
- An original or certified copy of a signed resolution from your governing board authorizing the application for the loan and authority to undertake the project



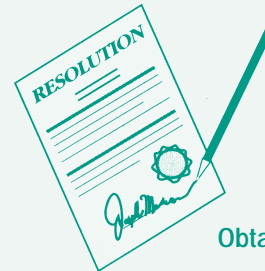
Fill out the enclosed
Loan Application

Attach to Loan
Application



When Should I Submit My Application?

This is a continuously open program with no final filing date. Applications for funding will be accepted on a first come, first served continuous basis, reviewed by a technical review committee, scored, and awarded based on project merit. The Energy Commission reserves the right to close the solicitation period at any time.



Obtain Authorization

Where Do I Submit My Application?

Send your complete application package to:

California Energy Commission
Nonresidential Buildings Office
1516 Ninth Street, MS 26
Sacramento, CA 95814



Send Your Application to
the Energy Commission

Energy Commission staff will review your application and contact you within 15 days. It may be necessary to arrange a site visit to discuss your project and loan request. Final approval occurs at an Energy Commission business meeting.



Approval from the
Energy Commission

Call the Energy Commission to Discuss Eligibility (916) 654-4008

In our continuing efforts to maintain our competitiveness in the healthcare industry, we completed a lighting system retrofit project last year. The project helped reduce our electrical expenditures, improved lighting levels, lowered air conditioning load and kept us abreast of modern lighting technologies. The California Energy Commission's funding enabled us to install these timely and cost-effective measures. This project reduced our annual operating costs by \$40,000 while providing a brighter and more pleasant environment for our patients, visitors and staff.

E. M. Goebel, Director Engineering
Foothill Presbyterian Hospital
Glendora, CA

The Energy Commission loan gave us the funding we needed to expand our Supervisory Control and Data Acquisition (SCADA) system. We are committed to proactively managing and conserving our water and energy resources for the benefit of the growers we serve. This expansion will not only help us in that endeavor, but will also ultimately provide the basis for achieving greater on-farm efficiencies.

Dale Brogan
General Manager
Delano-Earlimart Irrigation District

We were interested in replacing our red traffic signal lamps with those using light emitting diodes (LEDs). However, we needed a funding source that was quick and easy in order for us to take advantage of the utility rebates. The Energy Commission loan met these requirements and we were able to get a loan in place quickly and get the projects installed in a very short time. Our LEDs are now installed and we are saving an estimated \$24,000 annually on electricity. We will have the entire project paid back in less than four years.

Emmett Creason
Traffic Technician
City of Novato

We first received an Energy Commission loan to install energy-saving lighting and controls for our heating and air conditioning system at the high school. After the projects were installed and we saw the drop in our utility bills, we decided to get additional loans to install similar projects in our remaining schools. These projects have eliminated wasted energy and provided a better learning environment for our students and teachers.

Bob Macauley
Director of Facilities and Support Services
Live Oak School District

Over the past five years, our school district has taken out Energy Commission loans totaling over \$100,000 to install efficient lighting and heating and cooling systems at our two schools. These projects have benefited the district in several ways. First the district has saved an estimated \$38,000 per year in reduced energy costs. Second, the installations have resulted in the creation of a district-wide Energy Awareness Program which instills the energy efficiency ethic to our students – our future energy consumers and decision-makers.

Bob Nixon, Supervisor of Maintenance Operations
Riverdale Unified School District

CALIFORNIA ENERGY COMMISSION

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Nonresidential Buildings Office
1516 Ninth Street, MS-26 • Sacramento, CA 95814
(916) 654-4008 • www.energy.ca.gov/efficiency



APPLICATION FOR ENERGY COMMISSION FINANCING

Applicant _____

Mailing Address _____

City _____

Zip _____

Street Address _____

City _____

Zip _____

To the best of my knowledge and belief, data in this application are correct and complete.

Contact Person _____

Signature _____

Title _____

Date _____

Phone Number () _____

Fax Number () _____

E-Mail _____

Total project costs (include all installation costs) _____

Amount requested from the Energy Commission _____

Tentative project start date _____

Tentative project completion date _____

Please include in your application package:

1. A resolution from your governing board (see sample enclosed)
2. A feasibility study for your project (see below)
3. IRS Letter of Determination (private nonprofit organizations, only)
4. A copy of most recent financial statement audit covering a 12-month period (private nonprofit organizations, only)

A Feasibility Study for your Project must include:

1. A description of your energy project.
2. An estimate of annual savings (dollars and kilowatt-hours or therms) and include all assumptions used in your calculations.
3. A proposed budget detailing project costs.
4. For all power generation projects, describe the schedule and status of any air quality permit requirements/applications.
5. A discussion of any costs associated with asbestos removal or demolition and removal of existing equipment required before the energy project can be installed.

RESOLUTION NO. _____

Resolution of _____
(INSTITUTION OR ORGANIZATION)

WHEREAS, the California Energy Commission provides loans to schools, hospitals, local governments, special districts and public care institutions to finance energy efficiency improvements;

NOW THEREFORE, BE IT RESOLVED, that _____ authorizes
(GOVERNING BODY)
_____ to apply for an energy efficiency loan from the California
(INSTITUTION OR ORGANIZATION)
Energy Commission to implement energy efficiency measures.

BE IT ALSO RESOLVED, that if recommended for funding by the California
Energy Commission, the _____ authorizes
(GOVERNING BODY)
_____ to accept a loan up to \$ _____.
(INSTITUTION OR ORGANIZATION) (LOAN AMOUNT REQUESTED)

BE IT ALSO RESOLVED, that the amount of the loan will be paid in full, plus interest,
under the terms and conditions of the Loan Agreement and Promissory Note of the California Energy
Commission.

BE IT FURTHER RESOLVED, that _____ is hereby
(TITLE OF AUTHORIZED OFFICIAL)
authorized and empowered to execute in the name of _____,
(INSTITUTION OR ORGANIZATION)
all necessary documents to implement and carry out the purpose of this resolution, and to undertake
all actions necessary to undertake and complete the energy efficiency projects.

Passed, Approved and Adopted this _____ day of _____, _____.
MONTH YEAR

AUTHORIZED REPRESENTATIVE:

(SIGNATURE)

(TYPE NAME AND TITLE)